

**AVERP3302USB**

**Title: MACHINE DIRECTION ORIENTED POLYMERIC FILMS AND  
METHODS OF MAKING THE SAME**

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**ABSTRACT OF THE INVENTION**

10 This invention relates to a film comprising a machine direction oriented  
polymeric film prepared from (A) at least one propylene homopolymer or  
copolymer or lend of two or more thereof, wherein (A) has a melt flow rate from  
about 6 to about 30 and (B) an olefin elastomer having a melt flow rate of 0.5 to  
10. In one embodiment, the film also contains a nucleating agent. In one  
embodiment, these films are clear. The films have good stiffness and clarity  
with low haze. These films are useful in preparing labels and may be used as a  
monolayer film or in a multilayer film. In one embodiment, the films are printable.  
15 Die-cut labels are also described which comprise a composite comprising the  
extruded, machine-direction oriented polypropylene copolymer films of the  
present invention in combination with an adhesive associated with said  
copolymer films for adhering said label to a substrate. Multilayer composites  
also are described which comprise a label facestock material comprising an  
20 extruded oriented multilayer film of the present invention, an adhesive layer  
associated with said facestock material, and a release-coated liner or carrier.  
Combinations of the labels of the present invention joined with layer of adhesive  
to a substrate such as glass bottles also are described.